

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claim 1. (Cancelled)

Claim 2. (Cancelled)

Claim 3. (Cancelled)

Claim 4. (Cancelled)

Claim 5. (Cancelled)

Claim 6. (Cancelled)

Claim 7. (Cancelled)

Claim 8. (Cancelled)

Claim 9. (Cancelled)

Claim 10. (Currently Amended) A method for producing an anatase type titanium dioxide pigment comprising,

a single calcining step, wherein particles of a hydrous titanium oxide are introduced into a ~~single calcination zone~~ rotary kiln having a temperature of not lower than 800°C and lower than 1000°C in the presence of calcination treating agents, said calcination treating agents including an aluminum compound corresponding to 0.02-0.2% by weight calculated as Al_2O_3 , a potassium compound corresponding to 0.2-1% by weight calculated as K_2O and a phosphoric acid compound corresponding to 0.02-0.5% by weight calculated as P_2O_5 based on the weight of TiO_2 in the hydrous titanium oxide, the ratio $\text{K}_2\text{O}/\text{P}_2\text{O}_5$ being in the range of 1.5/1-10/1.

Claim 11. (Original) A method for producing a titanium dioxide pigment according to claim 10, wherein the hydrous titanium oxide has a particle diameter of 0.001-0.01 μm .

Claim 12. (Cancelled)

Claim 13. (Cancelled)

Claim 14. (Cancelled)

Claim 15. (Cancelled)

Claim 16. (Cancelled)

Claim 17. (Cancelled)